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19 **UNITED STATES DISTRICT COURT**
20 **NORTHERN DISTRICT OF CALIFORNIA**
21 **OAKLAND DIVISION**

22 Charles Baird, et. al.,

23 Plaintiffs,

24 v.

25 BlackRock Institutional Trust Co., N.A., et al.,

26 Defendants.

Case No. 4:17-cv-01892-HSG

27 **STIPULATION AND ~~(PROPOSED)~~**
28 **ORDER REGARDING DISCOVERY OF**
ELECTRONICALLY STORED
INFORMATION

29 Plaintiffs Charles Baird and Lauren Slayton, and Defendant Mercer Investment
30 Consulting (“Mercer”) (collectively referred to herein as the “Parties”), HEREBY STIPULATE
31 AND AGREE, by and through their undersigned counsel, that the following specifications shall

32 **STIPULATION AND ~~(PROPOSED)~~ ORDER**
REGARDING DISCOVERY OF ESI

1 govern discovery of all documents, electronically stored information (“ESI”), and any other
2 materials and information produced by the Parties during discovery in the above-captioned action.

3 **I. General**

4 A. The Parties shall take reasonable steps to comply with the procedures set forth in
5 this Stipulation.

6 B. This Stipulation is intended to streamline production to promote a “just, speedy
7 and inexpensive determination” of this action, as required by Federal Rule of Civil Procedure 1.

8 C. To the extent reasonably possible, the production of documents shall be conducted
9 to maximize efficient and quick access to documents and minimize related discovery costs. The
10 terms of this Stipulation shall be construed so as to ensure the prompt, efficient, and cost-effective
11 exchange of information consistent with the Federal Rules of Civil Procedure, the Local Rules,
12 and any orders by this Court.

13 1. Except as specifically limited herein, this Stipulation governs the
14 production of discoverable documents by the Parties during the litigation. In the event of transfer
15 to other courts, this Stipulation will remain in effect in all respects, until adopted by the transferee
16 court or replaced by a successor agreement.

17 2. This Stipulation shall not enlarge, reduce, or otherwise affect the scope of
18 discovery in this litigation as imposed by the Federal Rules of Civil Procedure, the Local Rules,
19 and the Court’s orders, nor imply that discovery produced under the terms of this Stipulation is
20 properly discoverable, relevant, or admissible in this or in any other litigation.

21 3. Subject to this Stipulation, the Parties’ objections and responses to requests
22 for production of documents and interrogatories, and subject to a binding Stipulated Protective
23 Order filed with the Court (“Protective Order”), all documents that are responsive to discovery
24 requests and not designated as “privileged” shall be produced in the manner provided herein.
25 Nothing in this Stipulation shall be interpreted to require disclosure of materials that a Party
26 contends are not discoverable or are protected from disclosure by the attorney-client privilege, the
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1 attorney work product doctrine, or any other privilege that may be applicable. Additionally,
2 nothing in this Stipulation shall be deemed to waive or limit any Party's right to object to the
3 production of certain electronically stored information, or to move for an appropriate order
4 pursuant to the Federal Rules of Civil Procedure on the ground that the sources are not reasonably
5 accessible because of undue burden or cost or on the ground that there is good cause for the
6 documents' production.

7
8 4. The Parties agree to promptly alert all other Parties concerning any
9 technical problems associated with complying with this Stipulation. To the extent compliance
10 with this Stipulation imposes an undue burden with respect to any protocol, source, or search term
11 listed herein, the Parties shall promptly confer in an effort to resolve the issue.

12 5. Consistent with their obligations under applicable Federal Rules of Civil
13 Procedure, the Parties will attempt to resolve, in person, in writing (including e-mail) or by
14 telephone, disputes regarding the issues set forth herein prior to filing a motion with the Court, or
15 otherwise seeking relief. If the Parties are unable to resolve the dispute after a good faith effort,
16 the Parties may seek Court intervention in accordance with the Court's procedures.

17 **II. Production Format – Hardcopy**

18 Hardcopy documents should be produced as single-page, Group IV, 300 DPI TIFF images
19 with an .opt image cross-reference file and a delimited database load file (*i.e.*, .dat). The database
20 load file should contain the following fields: "BEGNO," "ENDNO," "BEGATTACH,"
21 "ENDATTACH," "PAGES," "CUSTODIAN," and "FULLTEXT." The documents should be
22 logically unitized (*i.e.*, distinct documents should not be merged into a single record, and a single
23 document should not be split into multiple records) and should be produced in the order in which
24 they are kept in the usual course of business. If an original document contains relevant
25 information in color (including but not limited to documents that have charts, graphs, graphics
26 other than in the header or footer of the document, redline changes from more than one person,
27 and/or highlighting), the document should be produced as single-page, 300 DPI with a minimum

1 quality level of 75, 24-bit, color JPG images. OCR should also be provided. The OCR software
2 should maximize text quality over process speed. Settings such as “auto-skewing” and “auto-
3 rotation” should be turned on during the OCR process.

4 **III. Production Format – Electronically Stored Information**

5 Electronically stored information (“ESI”) should be produced as single-page, Group IV,
6 300 DPI TIFF images with the exception of source code, audio, video, and spreadsheet- and
7 database-type files, including, but not limited to, Microsoft Excel, CSV, PowerPoint and similar
8 files, and Access/database files – which should be produced in native format.

9 To the extent that a party obtains through discovery a non-redacted file or document that
10 it believes is not adequately represented in an image file format, the receiving party may request
11 that files or documents by Bates number be produced as a Native File, the production of which
12 may not unreasonably be withheld and thus produced within fourteen (14) days of the request
13 unless the volume is too large at which time the producing party will notify the requesting party
14 of the necessary turn-around time to complete the request. However, for requests for all files of
15 a certain type, from a certain custodian, or from a certain time period, the parties shall meet and
16 confer regarding such request before the native files are produced. If a producing party wishes to
17 designate a Native File “Confidential” it shall do so by producing the Native File on media that
18 is labeled “Confidential” or by branding the placeholder TIFF image. If a producing party
19 wishes to redact material from a file that it would otherwise produce as a Native File, it shall do
20 so by converting that file to a TIFF image and producing it in redacted form along with OCR text
21 that reflects such redactions, or if such conversion renders or will render the document
22 reasonably unusable, by producing the file in such other reasonably usable form as may be
23 agreed upon by the respective parties, including, but not limited to native file redaction.

24 All ESI should be produced with a delimited, database load file that contains the
25 metadata fields listed in Appendix 1, attached hereto, to the extent captured at the time of the
26 collection. To the extent that metadata does not exist, is not reasonably accessible or available
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1 for any documents produced, nothing in this Stipulation shall require any Party to extract,
2 capture, collect or produce such data. If the Parties agree, certain documents identified and
3 collected as part of a targeted collection that originated as ESI may be produced without
4 metadata but compliant with Section II. An .opt image cross-reference file should also be
5 provided for all TIFF images.

6 To the extent a document is not produced natively, the TIFF images should show any
7 and all text and images which would be visible to the reader using the native software that
8 created the document. For example, TIFF images of e-mail messages should include the BCC
9 line; PowerPoint documents should be processed with hidden slides and all speaker notes
10 unhidden, and should be processed to show both the slide and the speaker's notes on the
11 TIFF/JPG image; and Word documents should reflect all "track changes" and comment bubbles
12 present in the document. Color originals may be produced in B&W TIFF format, but the
13 receiving party may subsequently request, by Bates number(s), a replacement set of images in
14 color. When such request is made by the receiving party, the production of images in color
15 when may not unreasonably be withheld and thus the producing party must re-produce the color
16 images within fourteen (14) days of the request, unless the volume is too large at which time the
17 producing party will notify the requesting party of the necessary turn-around time to complete
18 the request. However categorical or wholesale requests are deemed invalid.

19 If a document is produced in native format, a single-page Bates-stamped TIFF image
20 slip-sheet containing the confidential designation and text stating the document has been
21 produced in native format should also be provided. If documents requested in native format
22 require redactions, the parties should meet and confer regarding how to implement redactions
23 while ensuring that proper formatting and usability are maintained. Each native file should be
24 named according to the Bates number it has been assigned, and should be linked directly to its
25 corresponding record in the load file using the NATIVELINK field. To the extent that either
26 party believes that native files should be produced for a specific document or class of documents
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1 not required to be produced in native format pursuant to this paragraph or to the extent records
2 do not easily conform to native or TIFF format (*i.e.*, structured data), the parties should meet and
3 confer in good faith.

4 **IV. Previously Collected and Produced Data**

5 The Parties agree that there is no obligation to recollect or reproduce any prior collections
6 or productions collected or produced prior to the entry of this ESI Stipulation. This includes not
7 requiring either party to reproduce productions in the production format outlined in this ESI
8 Stipulation.

9 **V. Production – Handling Completely Non-Responsive Documents Attached to** 10 **Production-Eligible Documents**

11 In an effort to avoid unnecessary expense and burden, the parties agree that completely
12 non-responsive documents attached to an otherwise production-eligible document can be
13 produced as a single-page Bates-stamped TIFF image slip-sheet containing the text stating the
14 document has been withheld as non-responsive. For all attachments withheld as non-responsive,
15 the producing party agrees to produce as part of the metadata load files the ESI metadata listed in
16 Appendix A (with the exception of text). To the extent that the receiving party, acting in good
17 faith after a reasonable review of the produced documents and withheld attachments, believes that
18 the attachments withheld are in fact responsive, the receiving party may make a narrowly-tailored
19 request for a non-excessive set of such documents, the production of which must be produced
20 within fourteen (14) days of the request unless the producing party provides to the requesting
21 party the basis for withholding each specific document selected as non-responsive within fourteen
22 (14) days of the request.

23 When producing responsive attachments, the parent email will be produced, regardless of
24 responsiveness unless otherwise protected from disclosure.

1 **VI. Production Format – Social Media**

2 ESI from social media websites (e.g., LinkedIn, Facebook, Twitter) may be produced by
3 capturing information through “screen shots” or “screen captures” and converting same into
4 images along with corresponding extracted text or OCR unless the Parties agree to perform bulk
5 exports of accounts, such as by exporting out a profile from LinkedIn or downloading a copy of
6 an individual’s Facebook data or archive

7 **VII. Production Format - Media**

8 Documents shall be exchanged on DVD-ROMs, CD-ROMs, USB drives, portable hard
9 drives or through secure file transfer protocols (e.g., FTP) or similar secure electronic
10 transmission. The production media shall be labeled with the Volume Number along with the
11 Bates Number range(s) of the materials, and where not practicable to do so, may be provided in
12 an accompanying letter. Any document production that may contain “non-public personal
13 information” (as defined in the Gramm-Leach-Bliley Act) or “Confidential Health Information”
14 (as defined in the Protective Order that is protected under the Health Insurance Portability and
15 Accountability Act of 1996 (“HIPAA”) Privacy Rule, 45 C.F.R., pts. 160 and 164, and/or other
16 applicable state or federal law or regulation concerning confidential health information) shall be
17 produced in encrypted form and the production media shall be labeled “MAY CONTAIN NON-
18 PUBLIC PERSONAL INFORMATION” or “MAY CONTAIN CONFIDENTIAL HEALTH
19 INFORMATION” as applicable. If a Producing Party encrypts or “locks” the production, the
20 Producing Party shall send, under separate cover, an explanation of how to decrypt the files.

21 **VIII. Processing and Other Specifications**

22 A. On-Site Inspections: On-site inspections of ESI under Rule 34(b) shall not be
23 permitted absent a good-faith showing by the Requesting Party of good cause and specific need or
24 upon agreement of the parties. As appropriate, the Court may condition on-site inspections of
25 ESI, as authorized in the preceding sentence, to be performed by independent third-party experts,
26 and the Court may set other conditions deemed appropriate by the Court.

1 B. Bates Numbering and Confidentiality Designations: Each page of a produced
2 image shall have a legible, unique Bates number that includes an alpha prefix along with a fixed
3 number, i.e., ABC00000001, electronically “burned” onto the image at a location that does not
4 unreasonably obliterate or obscure any information from the source document. Each image page
5 or native file assigned a Bates number shall be assigned a Bates number that is unique and
6 maintains a constant length across the entire document production. No other legend or stamp will
7 be placed on the document image other than confidentiality legends (where applicable) or
8 redactions.

9 C. ESI Date and Time Processing: Each Party’s ESI should be processed using a
10 consistent Time Zone for all data. The Party shall share the Time Zone selected for processing of
11 its data with the other Party.

12 D. Global or Horizontal Deduplication: Removal of duplicate documents should only
13 be done on exact duplicate documents (based on MD5 or SHA-1 hash values, at the family level).
14 Attachments should not be eliminated as duplicates for purposes of production, unless the parent
15 e-mail and all attachments are also duplicates. When applying global deduplication, metadata
16 identifying all custodians in possession of each document that is removed as a duplicate must be
17 provided in the CUSTODIAN metadata field subject to any exceptions provided in this
18 Stipulation.

19 E. Email Thread Suppression: Each Party may also deduplicate e-mails in such a
20 way as to eliminate earlier e-mails, and produce only the most complete iteration of an e-mail
21 chain. However, any de-duplication tool used by a party must ensure that an e-mail will be
22 suppressed only if its recipients (including cc and bcc recipients), subject, body text (excluding
23 specified automatic footers and normalized to consolidate white space) and attachments are
24 wholly included in another more representative e-mail. The producing party will be using
25 Brainspace’s email thread suppression tool and workflow.

1 F. Embedded Objects: Some Microsoft Office and .RTF files may contain embedded
2 objects. Such objects typically are the following file types: Microsoft Excel, Word, PowerPoint,
3 Project, Outlook, Access and PDF. Subject to claims of privilege and immunity, as applicable,
4 objects with those identified file types shall be extracted as separate files and shall be produced as
5 attachments to the file in which they were embedded unless otherwise subject to an exception
6 provided within this Stipulation.

7 G. Compressed Files: Compressed file types (i.e., .CAB, .GZ, .TAR, .Z, .ZIP) shall
8 be decompressed in a reiterative manner to ensure that a zip within a zip is decompressed into the
9 lowest possible compression resulting in individual files.

10 H. Redactions: The producing party can redact documents for privilege, personally
11 identifiable information, and the names of Mercer clients other than BlackRock and/or the
12 BlackRock Plan, as well other information that would render the client easily identifiable (such
13 as, for example, employer identification numbers or email addresses, to the extent they contain
14 the client's name). If, during the course of discovery, the parties identify other kinds of
15 information that any party has a reasonable basis for redacting, the parties will meet and confer
16 regarding it before such redactions are made. If the issue cannot be resolved, the parties will seek
17 resolution from the Court.

18 I. No Designation of Discovery Requests: Production of hard copy documents and
19 ESI in the reasonably usable form set out in this Stipulation need not include any reference to the
20 requests to which a document or ESI may be responsive.

21 J. Foreign Language Documents: To the extent that documents or ESI are produced
22 that contain languages other than English, in whole or in part, the Producing Party shall produce
23 all foreign language document and ESI in the original language. The Producing Party has no
24 obligation to provide a translation of the documents or ESI or any portion thereof.

1 **IX. Identification and Collection of Documents**

2 A. Except at otherwise agreed upon in this Stipulation, the Parties will meet and
3 confer in an effort to agree upon the following:

- 4 1. List of records custodians;
5 2. Search methodology to be applied, including, but not limited to, search
6 terms and date restrictions; and
7 3. Location of relevant data sources including custodial and non-custodial.

8 B. Search Methodology:

9 1. Email and Non-Email: the Parties agree to search for and produce unique,
10 responsive records from sources of hard copy and ESI to the extent a custodian reveals that such
11 locations may contain responsive information and such data is within the possession, custody or
12 control of the Producing Party.

13 2. The Producing Party will run the initial search strings identified by the
14 parties against the identified data sources and provide the requesting party with counts for number
15 of hits yielded by each search string. After reviewing the search string hit report, the requesting
16 party may propose to the producing party for its consideration additional search strings to be run
17 based on the results received thus far. So long as the requesting party demonstrates that the
18 additional proposed search strings is likely to return additional relevant information, the
19 producing party will provide the requesting party with counts for the number of hits yielded by
20 each of the requesting party's search string. The parties will then meet and confer to discuss the
21 hit reports and to determine whether additional review of documents is likely to return additional
22 relevant information.

23 3. The parties envision an iterative process whereby the parties evaluate the
24 results of initial searches and, in good faith, tailor the use of search strings so as to effectively
25 identify potentially responsive material and avoid the false identification of material which is not
26 responsive. The producing party will identify to the requesting party any material changes to the
27

1 search string lists. If the requesting party objects to the changes and proposes any modification of
2 its own, the parties will meet and confer regarding the requesting party's proposal. If the parties
3 cannot reach an agreement regarding the requesting party's proposed search terms or additional
4 search terms, either party may present the dispute to Magistrate Judge Westmore pursuant to her
5 dispute resolution procedures.

6 4. The mere fact that a document is hit or captured by the application of any
7 agreed upon search terms does not mean that such document is necessarily responsive to any
8 propounded discovery request or is otherwise relevant to this litigation. Determinations of
9 discoverability, responsiveness and privilege shall be made by the Producing Party, which shall
10 make such determinations in accordance with its obligations under the Federal Rules of Civil
11 Procedure.

12 **X. Preservation**

13 A. The Parties acknowledge that they have an obligation to take reasonable and
14 proportional steps to preserve discoverable information in the Party's possession, custody or
15 control.

16 B. The Parties agree that the circumstances of this case do not warrant the
17 preservation, collection, review, or production of ESI that is not reasonably accessible because
18 they anticipate that enough relevant information can be yielded from reasonably accessible
19 sources and, as necessary and appropriate, supplemented with deposition discovery. Moreover,
20 the remote possibility of additional relevant information existing in not reasonably accessible
21 sources is substantially outweighed by the burden and cost of preservation, collection, review and
22 production of ESI from sources that are not reasonably accessible. The Parties agree that the
23 following ESI is not reasonably accessible:

24 1. Deleted, shadowed, damaged, residual, slack, fragmented, or other data
25 only accessible by forensics and "unallocated" space on hard drives.
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2. Data stored in random access memory (“RAM”), temporary files, or other ephemeral data that is difficult to preserve without disabling operating systems.
3. Data stored on photocopiers, scanners and fax machines.
4. Server, system or network logs.
5. Logs of calls made from cellular or land-line phones.
6. Legacy data or data remaining from systems no longer in use so long as the legacy data is unintelligible on the systems in use.
7. Computer programs, operating systems, computer activity logs, programming notes or instructions, batch files, system files, and miscellaneous files or file fragments.

XI. Privilege and Privilege Logs

A. The Parties agree that they need not initially exchange the text of litigation hold/retention instructions issued in this litigation.

B. The parties agree that certain privileged communications or documents (excluding those subject to the fiduciary exception to the attorney-client privilege, if any exist) need not be included in a privilege log: (a) any privileged communications or documents involving trial counsel for Mercer that post-date the filing of the complaint, (b) any internal communications within a law firm, and (c) any communications regarding litigation holds or preservation, collection, or review in this or any Litigation.

C. In an effort to avoid unnecessary expense and burden, the Parties agree that, for documents redacted or withheld from production on the basis of attorney-client privilege, work product doctrine and/or any other applicable privilege, the Producing Party will prepare a summary log containing, for each document (except those exempted above) claimed as privileged, an export of all or a subset of the metadata fields listed below (as agreed upon by the Parties) to the extent such information exists and has not been suppressed or redacted for privilege. The summary log of documents redacted or withheld from production shall be

provided by the Producing Party within fourteen (14) days of substantially completing its productions. The export should include the following information from the top line email:

- BEGNO (if not produced) or BEGBATES (if produced)
- ENDNO (if not produced) or ENDBATES (if produced)
- BEGATTACH (if not produced) or BEGBATESATTACH (if produced)
- ENDATTACH (if not produced) or ENDBATESATTACH (if produced)
- CUSTODIAN
- FROM
- TO
- CC
- BCC
- SUBJECT
- SENTDATE
- RECEIVEDDATE
- FILENAME
- AUTHOR
- CREATEDDATE
- MD5 HASH
- PRIV_TYPE

D. If the requesting party requires further information, it shall explain in writing the need for such information and identify, by Bates number or other unique identifier, each document for which it seeks this information. Within fourteen (14) days of such a request, the Producing Party must provide the requested information.

XII. Production of Privileged or Otherwise Protected Material

A. No Waiver by Disclosure. This order is entered pursuant to Rule 502(d) of the Federal Rules of Evidence. Subject to the provisions of this Order, if a party or subpoenaed nonparty (the “Disclosing Party”) discloses information in connection with the pending litigation that the Disclosing Party thereafter claims to be privileged or protected by the attorney-client privilege or work product protection (“Protected Information”), the disclosure of that Protected Information will not constitute or be deemed a waiver or forfeiture – in this or any other federal or state action – of any claim of privilege or work product protection that the Disclosing Party

1 would otherwise be entitled to assert with respect to the Protected Information and its subject
2 matter.

3 B. Notification Requirements; Best Efforts of Receiving Party. A Disclosing Party
4 must promptly notify the party receiving the Protected Information (“the Receiving Party”), in
5 writing, that it has disclosed that Protected Information without intending a waiver by the
6 disclosure. Upon such notification, the Receiving Party must – unless it contests the claim of
7 attorney-client privilege or work product protection in accordance with paragraph (c) – promptly
8 (i) notify the Disclosing Party that it will make best efforts to identify and return, sequester, or
9 destroy (or in the case of electronically stored information, delete) the Protected Information and
10 any reasonably accessible copies it has and (ii) provide a certification that it will cease further
11 review, dissemination, and use of the Protected Information. Within five business days of receipt
12 of the notification from the Receiving Party, the Disclosing Party must explain as specifically as
13 possible why the Protected Information is privileged.

14 C. Contesting Claim of Privilege or Work Product Protection. If the Receiving Party
15 contests the claim of attorney-client privilege or work product protection, the Receiving Party
16 must – within seven business days of receipt of the notice of disclosure – move the Court for an
17 Order compelling disclosure of the information claimed as unprotected (a “Disclosure Motion”).
18 The Disclosure Motion must be filed under seal and must not assert as a ground for compelling
19 disclosure the fact or circumstances of the disclosure. Pending resolution of the Disclosure
20 Motion, the Receiving Party must not use the challenged information in any way or disclose it to
21 any person other than those required by law to be served with a copy of the sealed Disclosure
22 Motion.

23 D. Stipulated Time Periods. The parties may stipulate to extend the time periods set
24 forth in paragraphs (b) and (c).

25 E. Attorney’s Ethical Responsibilities. Nothing in this order overrides any attorney’s
26 ethical responsibilities to refrain from examining or disclosing materials that the attorney knows
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1 or reasonably should know to be privileged and to inform the Disclosing Party that such materials
2 have been produced.

3 F. Burden of Proving Privilege or Work-Product Protection. The Disclosing Party
4 retains the burden – upon challenge pursuant to paragraph (c) – of establishing the privileged or
5 protected nature of the Protected Information.

6 G. *In camera* Review. Nothing in this Order limits the right of any party to petition
7 the Court for an *in camera* review of the Protected Information.

8 H. Voluntary and Subject Matter Waiver. This Order does not preclude a party from
9 voluntarily waiving the attorney-client privilege or work product protection. The provisions of
10 Federal Rule of Evidence 502(a) apply when the Disclosing Party uses or indicates that it may use
11 information produced under this Order to support a claim or defense.

12 I. Review. Nothing contained herein is intended to or shall serve to limit a party's
13 right to conduct a review of documents, ESI or information (including metadata) for
14 responsiveness and/or segregation of privileged and/or protected information before production.
15 Further nothing contained herein is intended to reduce the time frame provided to the Disclosing
16 Party to complete their review should they choose to do so.

17 J. Proportionality. Nothing contained herein is intended to limit a party's
18 proportionality and burden arguments specifically related to the costs to conduct a review of
19 documents, ESI or information (including metadata) for responsiveness and/or segregation of
20 privileged and/or protected information before production.

21 K. Rule 502(b)(2). The provisions of Federal Rule of Evidence 502(b)(2) are
22 inapplicable to the production of Protected Information under this Order.

23 **XIII. Discovery Liaisons**

24 Each party shall designate one or more individuals as Designated ESI Liaison(s) for
25 purposes of meeting and conferring with the other parties and of attending Court hearings on the
26 subject of relevant ESI. The Designated ESI Liaison shall be reasonably prepared to speak about
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1 and explain the party's relevant electronic systems and capabilities and the technical aspects of
2 the manner in which the party has responded to eDiscovery, including (as appropriate) relevant
3 ESI retrieval technology and search methodology.

4 **XIV. Cooperation & Good Faith**

5 The Parties are aware of the importance the Court places on cooperation and commit to
6 cooperate in good faith throughout the matter consistent with this Court's Guidelines for the
7 Discovery of ESI.

8 The Parties shall make their best efforts to comply with and resolve any differences
9 concerning compliance with this Stipulation. If a Producing Party cannot comply with any
10 material aspect of this Stipulation, such Party shall inform the Requesting Party as to why
11 compliance with the Stipulation was unreasonable or not possible within seven (7) days after so
12 learning. No Party may seek relief from the Court concerning compliance with the Stipulation
13 unless it has conferred with other affected Parties to the action.

14 **XV. No Effect on Discovery or Admissibility**

15 This Stipulation does not address, limit, or determine the relevance, discoverability,
16 agreement to produce, or admissibility of ESI. The Parties are not waiving the right to seek any
17 discovery, and the Parties are not waiving any objections to specific discovery requests. Nothing
18 in this Stipulation shall be interpreted to require disclosure of materials that a Party contends are
19 not discoverable or are protected from disclosure by the attorney-client privilege, the work
20 product doctrine, or any other privilege that may be applicable. Nothing in this Stipulation shall
21 be construed to affect the admissibility of any document or data. All objections to the
22 admissibility of any document or data, except as to the authenticity of the documents produced by
23 a Party as to which that Party stipulates, are preserved and may be asserted at any time.

24 **XVI. Protective Order**

25 Nothing in this Stipulation shall be deemed to limit, modify, or override any provision of
26 the Protective Order.

1 **XVII. Modification**

2 This Stipulation may be modified by Stipulation of the Parties or by Order of the Court.

3
4 Dated: December 18, 2018

5 **COHEN MILSTEIN SELLERS & TOLL,**
6 **PLLC**

7 /s/ Mary J. Bortscheller
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ATTESTATION

I attest that for all conformed signatures indicated by an “/s/,” the signatory has concurred in the filing of this document.

Dated: December 18, 2018

By: /s/ Matthew A. Russell
Matthew A. Russell

~~PROPOSED~~ ORDER

PURSUANT TO THE STIPULATION, IT IS SO ORDERED: the above Stipulation and Proposed Order Regarding Discovery of Electronically Stored Information is approved and all parties shall comply with its provisions.

Dated: 12/19/2018



U.S. District Court for the
Northern District of California

APPENDIX 1: METADATA FIELDS

Field Name	Example / Format	Description
BEGBATES	ABC00000001 (Unique ID)	The Document ID Number associated with the first page of the document.
ENDBATES	ABC00000003 (Unique ID)	The Document ID Number associated with the last page of the document.
BEGATTACH	ABC00000001 (Unique ID Parent- Child Relationships)	The Document ID Number associated with the first page of the parent document.
ENDATTACH	ABC00000008 (Unique ID Parent- Child Relationships)	The Document ID Number associated with the last page of the last attachment.
PAGES	3 (Numeric)	The number of pages for a document.
VOLUME	VOL001	The name of CD, DVD or Hard Drive (vendor assigns).
RECORDTYPE	Options: e-mail, attachment, hard copy, loose e-file	The record type of a document.
DESIGNATION	Confidential, Highly Confidential, etc.	Please populate this field for all documents that carry a confidentiality designation, separate and apart from the stamping of produced TIFFs. If the document is only provided in native, this field would be populated with the designation the native file should have if printed.
REDACTED	Yes	Please populate this field for all documents that have a redaction.
SENTDATE	MM/DD/YYYY	The date the email was sent.
SENTTIME	HH:MM	The time the email was sent.
CREATEDDATE	MM/DD/YYYY	The date the document was created. *Parties acknowledge that the CREATEDATE field may not actually reflect the date the file was created, due to the ease of change to that field and the technical definition of the field (e.g., the created date and time reflects the date when the file was created in that particular location on the computer or on the other storage device location)

CREATETIME	HH:MM	The time the document was created. *Parties acknowledge that the CREATETIME field may not actually reflect the time the file was created, due to the ease of change to that field and the technical definition of the field (e.g., the created date and time reflects the time when the file was created in that particular location on the computer or on the other storage device location).
LASTMODDATE	MM/DD/YYYY	The date the document was last modified.
LASTMODTIME	HH:MM	The time the document was last modified.
RECEIVEDDATE	MM/DD/YYYY	The date the document was received.
RECEIVEDTIME	HH:MM	The time the document was received.
TIMEZONE PROCESSED	PST, CST, EST, etc.	The time zone the document was processed in.
FILEPATH	i.e. John Smith/E-mail/Inbox	Location of the original document. The source should be the start of the relative path.
AUTHOR	Jsmith	The author of a document from extracted metadata. *Parties acknowledge that the Author field may not actually reflect the author of the document.
LASTEDITEDBY	Jsmith	The name of the last person to edit the document from extracted metadata.
FROM	Joe Smith <jsmith@email.com>	The display name or e-mail of the sender of an e-mail.
TO	Joe Smith <jsmith@email.com>; tjones@email.com	The display name or e-mail of the recipient(s) of an e-mail.
CC	Joe Smith <jsmith@email.com>; tjones@email.com	The display name or e-mail of the copyee(s) of an e-mail.
BCC	Joe Smith <jsmith@email.com>; tjones@email.com	The display name or e-mail of the blind copyee(s) of an e-mail.
SUBJECT		The subject line of the e-mail.
DOCTITLE		The extracted document title of a document.
IMPORTANCE	0 or 1 or 2	E-mail Importance Flag (0 = Normal, 1 = Low Importance, 2 = High Importance)

CUSTODIAN	John Smith; Tim Jones; Finance Department	The custodian/source of a document. NOTE: If the documents are de-duped on a global level, this field should contain the name of each custodian from which the document originated.
ATTACH COUNT	Numeric	The number of attachments to a document.
FILEEXT	XLS	The file extension of a document.
FILENAME	Document Name.xls	The file name of a document.
FILESIZE	Numeric	The file size of a document (including imbedded attachments).
MD5HASH (or equivalent)		The MD5 Hash value or "de-duplication key" assigned to a document.
EMAIL CONVERSATION INDEX		ID used to tie together e-mail threads.
NATIVELINK	D:\NATIVES\ABC000001.xls	The relative path to a native copy of a document.
FULLTEXT	D:\TEXT\ABC000001.txt	The path to the full extracted text or OCR of the document. There should be a folder on the deliverable, containing a separate text file per document. These text files should be named with their corresponding bates numbers. If the attachment or e-file does not extract any text, then OCR for the document should be provided.

** As it relates to the CUSTODIAN metadata field above, the Producing Party reserves the right to produce in multiple fields (e.g., CUSTODIAN + DUPLICATE CUSTODIAN) since the metadata may already be exported and logged as such.

** Same is true with all DATE and TIME Fields. These fields can be provided in separate fields or be combined into a single field as long as the required information is produced in the load file.